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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | | Application Number | |
| | | | | | Filing Date | |
| | | | | | First Named Inventor | |
| | | | | | Group Art Unit | 1616 |
| | | | | | Examiner Name | BAWA, R. |
| Sheet | 1 | of | 5 | | Attorney Docket Number | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|----------------------|---|---|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| | | | | First Named Inventor | |
| | | | | Group Art Unit | 1619 |
| | | | | Examiner Name | BAWA |
| | | | | Attorney Docket Number | |
| Sheet | 2 | of | 5 | | |

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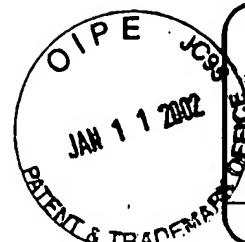
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| First Named Inventor | |
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| Examiner Name | BAWA |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| First Named Inventor | |
| Group Art Unit | 1619 |
| Examiner Name | BAWA |
| Attorney Docket Number | |



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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| First Named Inventor | 1619 |
| Group Art Unit | 3AWA |
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| | | Young, Ry et al. (2000) "Phages will out: strategies of host cell lysis." <i>Trends in Microbiology</i> , 8(3) p 120-127. |
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| | | Garcia, et al. (1987) "Purification and biochemical characterization of the pneumococcal bacteriophage Cp-1 lysis." <i>Journal of Virology</i> 61(8) p. 2573 - 2580. |
| | | Loessner, et al. (1996) "Modified Listeria bacteriophage lysis genes (ply) allow efficient overexpression and one-step purification of biochemically active fusion proteins." <i>Applied and Environmental Microbiology</i> . 62(8) p. 3057-3060 |
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LIST OF NEW HORIZON PATENTS AND PATENT APPLICATIONS

| Patent/Application No. | Country | Filing Date | Issue Date | Inventors | Title |
|---|---------|-------------|------------|---------------------|--|
| Pat. No. 5,604,109 App No.09/962,523 | U.S.A. | 09-13-94 | 02-18-97 | Fischetti | A Method for Exposing Group A Streptococci Antigens and an Improved Diagnostic Test for the Identification of Group Streptococcus. |
| Pat. No. 5,997,862 App No.09/962,523 | U.S.A. | 10-31-97 | 12-7-99 | Fischetti Loomis | Therapeutic treatment of Group A Streptococcal Infections |
| Pat. No. 6,017,528 App No. 09/257,025 (Cert. of Correction) | U.S.A. | 02-25-99 | 01-25-00 | Fischetti Loomis | Therapeutic Treatment of Group A Streptococcal Infections |
| Pat. No. 5,985,271 No.09/257,026 (Cert. of Correction) | U.S.A. | 02-25-99 | 11-16-99 | Fischetti Loomis | Prophylactic and Therapeutic Treatment of App of Group A Streptococcal Infections |
| Pat. No. 6,506,954 App.No. 09/395,636 (Cert. of Correction) | U.S.A. | 09-14-99 | 05-02-00 | Fischetti Loomis | Use of Bacterial Phage Associated Lysing Enzymes for the Prophylactic and Therapeutic Treatment of Various Illnesses |
| Pat. No. 6,238,661 App. No. 09/497,495 | U.S.A. | 04-18-00 | 05-29-01 | Fischetti Loomis | Use of Bacterial Phage Associated Lysing Enzymes for Treating Various Illnesses |
| Pat. No. 6,264,945 App. No.09/482,992 | U.S.A. | 01-14-00 | 07-24-01 | Fischetti Loomis | Parenteral Use of Bacterial Phage Associated Lysing Enzymes for the Therapeutic |

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| Pat. No. 6,056,955 App. No.09/395,637 | U.S.A. | 09-14-99 | 05-02-00 | Fischetti Loomis | Treatment of Bacterial Infections Topical Treatment of Streptococcal Infections |
| App. No. 09/654,484 | U.S.A. | 09-01-00 | Trudil | | The Use of Phage Associated Lytic Enzymes For the Rapid Detection of Bacterial |
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| Pat. No. 6,254,866 App. No. 09/653,690 | U.S.A. | 09-01-00 | 07-03-01 | Fischetti Loomis | Use of Phage <u>Associated</u> Lytic Enzymes For Treating Bacterial Infections of the Digestive Tract |
| App. No. 09/654,482 | U.S.A. | 09-01-00 | | Fischetti Loomis | A Composition for Treatment of a Bacterial Infection of the Digestive Tract |
| Pat. No. 6,277,399 App. No. 09/671,882 | U.S.A. | 09-28-00 | 08-21-01 | Fischetti Loomis | Compositions Incorporating Bacterial Phage Associated Lysing Enzymes For Treating Dermatological Infections |
| App. No. 09/671,881 | U.S.A. | 09-28-00 | | Fischetti Loomis | A Composition for Treatment of Vaginal Bacterial Infections |
| App. No. 09/671,880 | U.S.A. | 09-28-00 | | Fischetti Loomis | A Composition for Treatment of An Ocular Bacterial Infection |
| Pat. No. 6,248,324 | U.S.A. | 09-28-00 | 06-19-01 | Fischetti | Bacterial Phage Associated Lysing |

App. No. 09/671,879

Loomis
Enzymes for Treating Dermatological
Infections

App. No. 09/671,878 U.S.A. 09-28-00

Fischetti
Loomis
The Use of Bacterial Phage Associated
Lytic Enzymes for Treating
Dermatological Infections

App. No. 09/671,991 U.S.A. 09-28-00

Fischetti
Loomis
A Composition for Treating Dental
Caries Caused by Streptococcus Mutans

Pat. No. 6,335,012
App. No. 09/671,992 U.S.A. 09-28-00 01-01-02

Fischetti
Loomis
A Method for Treating Dental Caries
Caused by Streptococcus Mutans

NOTE: THE USPTO PRINTED THE WRONG TITLE AND THE WRONG CLAIMS

Pat. No. 6,326,002 U.S.A. 09-28-00 12-04-01
App. No. 09/671,990

Fischetti
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The Use of Bacterial Phage Associated
Lytic Enzymes for Treating Bacterial
Infections of the Upper Respiratory
System

App. No. 09/704,148 U.S.A. 11-02-00

Fischetti
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The Use of Bacterial Phage Associated
Lytic Enzymes to Prevent Food
Poisoning

App. No. 09/560,650 U.S.A. 04-28-00

Fischetti
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The Use of Bacterial Phage
Associated Lysing Enzymes for the
Prophylactic and Therapeutic
Treatment of Various Illnesses

App. No. 09/752,731 U.S.A. 01-03-01

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Lysing Enzymes for the Therapeutic

Treatment of Bacterial Infections

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| App. No. 09/932,460 | U.S.A. | 07-13-01 | Fischetti Loomis | The Use of Bacterial Phage Associated Lysing Enzymes for Treating Various Illnesses |
| Prov. No. 60/324,089 | U.S.A. | 09-24-01 | Fischetti Loomis | The Use of Bacterial Shuffled and Chimeric Phage Associated Lytic Enzymes for the Prophylactic and Therapeutic Treatment of Colonization and Infections caused By <i>Streptococcus Pneumoniae</i> |
| App. No. 09/960,472 | U.S.A. | 09-24-01 | Fischetti Loomis | The Use of Bacterial-Phage Associated Lysing Enzymes for the Prophylactic and Therapeutic Treatment of Colonization and Infections Caused by <i>Streptococcus pneumoniae</i> |
| App. No. 09/908,737 | U.S.A. | 07-19-01 | Fischetti Loomis | Parenteral Use of Bacterial Phage Associated Lysing Enzymes for the Therapeutic Treatment of Bacterial Infections |
| App. No. 09/910,940 | U.S.A. | 07-13-01 | Fischetti Loomis | The Use of Bacterial Phage Associated Lytic Enzymes to Prevent Food Poisoning |
| App. No. 09/844,435 | U.S.A. | 04-30-01 | Fischetti Loomis | The Use of Bacterial Phage Associated Lysing Enzymes For |

App. No. 09/846,688 U.S.A. 05-02-02

Treating Various Illnesses

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The Use of Bacterial Phage
Associated Lysing Proteins for the
Prophylactic and Therapeutic
Treatment of Various Illnesses

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